

## Crop Report

Report Number 21, August 25, 2008

### Crop Report for August 24, 2008

Some progress was made on the harvest during the past week, according to Saskatchewan Agriculture's weekly crop report.

Nine per cent of the 2008 crop has been combined and a further 19 per cent has been swathed or is ready to be straight combined. The five-year (2003-2007) average is 22 per cent combined and 23 per cent swathed or ready to straight combine at this time of year.

Harvest operations are most advanced in the southwest, where 20 per cent of the crop has been combined. Provincially, the winter wheat crop is 51 per cent combined, fall rye is 64 per cent harvested, peas are 47 per cent combined and lentils are 33 per cent combined. There are reports of lodging, bleaching and staining.

With three per cent of the durum crop combined, crop reporters estimate that 62 per cent will grade No. 1 CWAD and 33 per cent grade No. 2 CWAD. The 10-year crop report average is 40 per cent 1 CWAD and 29 per cent 2 CWAD.

Topsoil moisture conditions remain similar to last week, with 72 per cent of the crop land and 63 per cent of the hay and pasture land rated as being in an adequate topsoil moisture situation. Moisture conditions changed most significantly in the northeast, where the amount of land having short moisture increased by double-digit percentage points.

Crop damage came from grasshoppers, heavy rain, hail, wind and flooding. Some light, isolated frost damage may have occurred. For further information contact: Terry Bedard, P.Ag. Agricultural Economist Policy Branch Ministry of Agriculture 306-787-5956

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### 1 Year Ago

Twenty-seven per cent of the 2007 crop had been combined, and a further 31 per cent had been swathed or was ready to straight combine.

There were reports of lodging, bleaching, sprouting, staining, and light bushel weights.

Sixty per cent of the crop land and 55 per cent of the hay and pasture land was rated as having adequate topsoil mois-

#### South eastern Saskatchewan (Crop Districts 1, 2, & 3ase)

The south east had mixed conditions during the past week, including heat, rain, and cool nights. An average of 25 mm of precipitation was reported, ranging from an average low of 13 mm reported in Crop District (CD) 3ase, to an average high of 33 mm, reported in CD 1b. Wind damage, including lodging, was reported in the Frobisher, Kisbey, Stoughton, Weyburn, Fillmore, and Ceylon areas. Damage from flooding and heavy rains, including grade losses and lodging, was reported in the Kennedy, Moosomin, Broadview, Weyburn, Montmartre, and Marquis areas. Heat damage was reported in the Minton area, and pastures have deteriorated.

Thirteen per cent of the 2008 south eastern crop has been harvested and an additional 21% is lying in the swath or is ready to be straight-combined. Sixty-nine per cent of the winter wheat, 58% of the fall rye, 45% of the lentils, 60% of the peas, and 20% of the barley have been harvested.

Chickpea yields are expected to be among the highest in the province and mustard and canary seed yields are expected to be among the lowest.

With 2% of the durum harvested, crop reporters estimated that 22% will fall into the top grade.

Early canola is ripening very unevenly in the Fillmore area. In the Broadview area, farmers are getting stuck with swathers. Some crops have been bleached in the Weyburn area. In the Montmartre area, the most recent rains came just as a lot of the pea crops were drying up from the previous rain. Some crops are showing uneven ripening in the Odessa area. Crops that were damaged by hail in the Indian Head area are going to be late.

Topsoil moisture conditions on cropland improved last week with 84% of the land rated as having adequate topsoil moisture, compared with 78% last week. Conditions on hay and pasture land also improved with 88% of the land rated as having adequate topsoil moisture, compared with 72% the previous week.

Insect damage this past week came from sawflies (Weyburn, Odessa, Briercrest, Ceylon), grasshoppers (Oxbow, Weyburn, Montmartre, Minton, Ceylon), diamondback moth larvae (Indian Head), and aphids (Indian Head). Alternaria black spot caused crop damage in the Montmartre area and there was some leaf disease in the Indian Head area. Geese caused some crop damage in the Odessa area while big game caused damage in the Ceylon area.

#### South western Saskatchewan (CDs 3asw, 3an, 3b, & 4)

In the southwest, the past week ranged from warm and dry to windy and showers. An average of 12 mm of precipitation was reported, ranging from an average low of 3 mm reported in CD 3 asw, to an average high of 22 mm reported in CD 4b. In the town of Burstall there was 70 to 90 mm of rain. Wind damage, including scattering of swaths and lodging, was reported in the Bengough, Cadillac, Ponteix, Glenbain, Consul, and Maple Creek areas. Damage from heat and drought was reported in the Lisieux, Rockglen, Glenbain, and Stewart Valley areas. Hail damage was reported in the Lucky Lake and Richmound areas. Flooding damage, including grade losses and lodging, was reported in the Rush Lake and Burstall areas. Shelling and shattering of crops was reported in the Mossbank area. Bleaching and staining was reported in the Eyebrow area. Lodging was reported in the Limerick area.

Twenty-one per cent of the 2008 south western crop has been harvested and a further 18% is lying in the swath or is ready to be straight-combined. Harvesting progress includes 69% of the winter wheat, 74% of the fall rye, 69% of the peas, 37% of the lentils, 21% of the barley, and 19% of the triticale.

The south western region is expected to have the highest regional yields for triticale and canary seed, and the lowest regional yields for fall rye, spring wheat, durum, oats, barley, flax, canola, lentils, and peas, and canary seed in the province.

With 4% of the durum harvested, crop reporters estimated that 84% will fall into the top grade. Peas are expected to be downgraded due to the grasshopper contamination in the harvested grain in the Weyburn area. In the Ponteix area, some harvested peas and lentils have to be aerated due to the amount of grasshoppers in the harvested crops. Also in the Ponteix area, the grasshoppers are eating lentils in the swath. In the Shaunavon area, other than peas and winter wheat, most of the crops are not ready to be harvested.

The durum is still green in the Viceroy area. Peas that were estimated to have 100% hail damage in the Limerick areas have re-flowered. Yields in general are lower than expected in the Hazenmore area.

Topsoil moisture was reported as adequate on 57% of the crop land, compared with 50% last week. Conditions also improved on hay and pasture land, with 40% of the land rated as having adequate topsoil moisture, compared with 34% last week.

Grasshoppers damaged crops across the region. Sawflies damaged crops in the Viceroy, Limerick, and Consul areas. There are large numbers of flea beetles in the Glenbain area. Gophers damaged crops in the Bengough, Cadillac, and Webb areas. Badger hills and gopher holes continue to cause damage to equipment in the Gull Lake area. Farmers are spraying for ascochyta blight on chickpeas in the Lucky Lake area.

#### East central Saskatchewan (Crop Districts 5 & 6a)

The east central region was hot, with some showers and

some cool nights last week. An average of 12 mm of precipitation was reported, ranging from an average low of 3 mm reported in CD 5b to an average high of 16 mm reported in CD 6a. Some areas in and around RM 190 had up to 100 mm of rain, while up to 75 mm was reported in the Nokomis area. Wind damage was reported in the Craik, Leroy, and Calder areas. Damage from Calder areas. Damage from flooding and rain, including lodging and staining, was reported in the Calder, Yorkton, Lumsden, Bethune, Holdfast, Nokomis, Jansen, and Young areas. Heat and drought damage was reported in the Imperial and Leroy areas. The north part of RM 279 saw more hail this past week. In the Leroy area, new record highs were set on August 19 and 20, and a new record low was set on the 23<sup>rd</sup>. Light frost on the 23<sup>rd</sup> may have caused minor damage in the Leroy and Young areas.

Five per cent of the 2008 east central crop is off and a further 19% is lying in the swath or is ready to be straight-combined. Fall crops are furthest ahead with 66% of the fall rye and 37% of the winter wheat crops harvested. Thirty per cent of the peas, 28% of the lentils, and 18% of the chickpeas have been harvested.

Regional average yields of winter wheat, sunflowers, lentils and peas are expected to be the highest in the province.

With less than one-half of one per cent of the durum harvested, crop reporters estimated that 25% will fall into the top grade.

There are lots of late crops as well as second growth and hail-damaged crops in the Langenburg area. There is second growth in the Yorkton, Foam Lake, and Kelvington areas. Some durum has a second growth problem in the Holdfast area. With the rain, some green peas and green lentils were bleached in the Young area, and there may also be some stained barley.

Topsoil moisture conditions declined, with 79% of the crop land and 78% of the hay and pasture land rated as having adequate topsoil moisture, compared with 87% and 82%, respectively, last week.

Insect damage came from sawflies (Holdfast), wheat midge (Calder), grasshoppers (Lumsden, Bethune, Imperial), diamondback moth larvae (Quill Lake), and Bertha armyworms (Quill Lake). Wildlife caused crop damage in the Nokomis area.

More greenfeed is being made in the Goodeve area to help counterbalance the shortage of hay.

#### West central Saskatchewan (Crop Districts 6b & 7)

The west central region was hot and breezy early this past week and cool later on. An average of 7 mm of precipitation was reported during the past week, ranging from an average low of 5 mm reported in CDs 6b and 7b, to an average high of 13 mm reported in CD 7a. Hail damage, including shelling, was reported in the Outlook, Conquest, Dinsmore, Rosetown, Herschel, Biggar, and Unity areas. Damage estimates ranged from 5 to 100%. Damage from wind, including lodging, was reported in the Hanley and Major areas. Heat and drought damage was reported in the Rosetown, Conquest, Arelee, Harris, and Landis areas. Damage from flooding and rain, including lodging, were reported in the Hanley, Marengo, and Luseland areas.

There was frost on building roofs in the Hanley area on Saturday morning.

Five per cent of the 2008 west central crop has been harvested, with a further 19% either swathed or ready to straight combine. Fall crops are furthest ahead with 57% of the fall rye and 54% of the winter wheat crops harvested. Nineteen per cent of the lentils and 30% of the peas have been harvested.

West central average yields of fall rye are expected to be the highest in the province, while average yields of winter wheat, triticale, sunflowers, and chickpeas are expected to be among the lowest.

Very little durum has been harvested, and crop reporters estimated that none of that will fall into the top grade.

Topsoil moisture conditions declined this past week. Sixty-four per cent of the crop land is rated as having adequate topsoil moisture conditions, compared with 68% last week. Fifty per cent of the hay and pasture land is rated as having adequate topsoil moisture, compared to 69% last week.

Insect damage came from sawflies (Denzil), diamondback moth larvae (Outlook, Herschel, Battleford), aphids (Conquest), grasshoppers (Rosetown, Harris), and Bertha armyworms (Battleford). Spraying is underway for diamondback moths in the Battleford area.

#### North eastern Saskatchewan (Crop Districts 8 & 9ae)

The north eastern region was generally warm and dry until the end of last week. An average of 2 mm of precipitation was reported during the past week, with an average high of 5 mm reported in CD 8a. The lack of rain is causing crop damage in the Melfort area as they have not received any rain since July 23. The frost in the Lake Lenore area is not expected to cause much damage.

Four per cent of the 2008 north eastern crop has been combined and a further 22% is swathed or is ready to straight combine. Fall crops are furthest along with 50% of the fall rye crop and 34% of the winter wheat crop harvested. Twenty-four per cent of the peas have been combined.

Regional average yields of spring wheat, durum, oats, barley, canola and mustard are expected to be the highest in the province.

Only one or two farmers are harvesting durum and they estimate that 70% will fall into the top grade.

Some crops have uneven growth in the Nipawin area.

Ratings for topsoil moisture conditions on cropland declined this past week. Seventy-two per cent of the crop land was rated as having adequate topsoil moisture, compared to 90% last week. Conditions also declined on hay and pasture land, with 65% of the land rated as having adequate topsoil moisture, compared to 85% last week.

Bertha armyworms caused crop damage in the Codette, Garrick, and Paddockwood areas, while wheat midge caused crop damage in the Vonda area. There are quite a few grasshoppers in the Tisdale area, but crop damage is not visible at this time.

#### North western Saskatchewan (Crop Districts 9aw & 9b)

The north western region was hot and dry and cool and wet this past week. An average of 9 mm of precipitation was reported across the region, with an average high of 15 mm reported in CD 9b. There was some hail damage in the North Battleford area. Heat and drought caused crop damage in the Duck Lake, North Battleford, and St. Walburg areas. Friday night was cold enough to blacken cucumber and potato leaves in the Big River area.

Two per cent of the 2008 north western crop has been combined and a further 10% has been swathed or is ready to straight combine. Thirteen per cent of the winter wheat and fall rye crops are off, as are 17% of the peas.

Regional average yields of flax are expected to be the highest in the province.

Crop land topsoil moisture conditions improved during the past week. Seventy-five per cent of the crop land is rated as having adequate topsoil moisture, compared with 69% last week. Hay and pasture land is rated the same as last week with 64% of the land having adequate topsoil moisture.

Insect damage came from wheat midge (Borden), Bertha armyworms (Debden), and grasshoppers (North Battleford). The geese are back in the Pierceland area.

Some farmers were taking off a second cut of alfalfa in the Debden area. Due to the rains, a lot of poor quality hay was made in the Barthel area. The generic glyphosphate was hard to find in the Glaslyn area. There is an additional amount of desiccation taking place in the Meadow Lake area because of second growth in the cereal crops.

% Ir	Saskatchewan Harvest Pro % In Swath or Ready to Straight Combin Average 2008 2007 2003-07  33 23 14 27 7 13 11 28 21 8 29 18 5 19 18 17 28 22 8 10 15 0 6 4 36 57 42  20 26 23 1 0 0 33 19 16 27 19 15 1 16 11 2 18 10			% Harvested*				
				2008	2007	Average 2003-07		
Winter wheat		23	14	51	67	64		
Fall rye	27	7	13	64	88	72		
Spring wheat	11		21	2	16	16		
Durum	8			3	37	25		
Oats	5			3	9	11		
Barley	17	28		9	23	21		
Triticale	8	10	15	14	62	35		
Flax	0	6		0	1	1		
Canola	36	57	42	2	18	13		
Mustard	20	26	23	13	51	32		
Sunflowers	1			0	0	0		
Lentils	33	19	16	33	74	53		
Peas	27	19	15	47	68	55		
Canary seed	1		11	0	4	4		
Chickpeas	2	18	10	3	23	19		
Total	19	31	23	9	27	22		

Growing	g Degree Days A	bove 5°C		
R.M.	Since April 1	itures given by	crop reporters	Total
3	1240		Aug 17 - 23 115.5	Total
17A	1103	*	103	1355.5 1206
43A	1300.95		115.5	1416.45
44	1143.9	*	111.95	1255.85
67	11.1013		98.5	1200.00
68	1422.2		113.1	1535.3
71			105.85	1000.0
75B			97.8	
76			114.3	
78A	1031	*	108	1139
97	1192.635		98.9	1291.535
108			96	
111A	1204.6	*	119	1323.6
123			93.5	
124			93.6	
125			95	
127			100.15	
134			98.5	
138 142			106	
151B	1086.7		115.1 90.4	1177 1
154	1000.7			1177.1
166	1170.5	*	102.5 107	1277.5
167	1086.5	*	101.5	1188
185	1000.0		95.65	1100
186			94.8	
190B			107.3	
193	1135.1	*	103.6	1238.7
221	1108.05	*	98.75	1206.8
222			110.5	
226			100	
246	1008.15		95.3	1103.45
252			96.05	
259	000		103.15	
271	998	*	89	1087
276	1007.05		114.5	4400
277 283	1087.25		101.75	1189
285	1141.25 1238.75		105.55	1246.8
312	1230.73		106.8	1345.55
318A	1078		86.7 99.5	1177.5
333	1070		107.5	1177.5
336			99.5	
339	1041.25		96.25	1137.5
340A			91	1101.0
343			107.35	
370			99.5	
379	1027.3	*	97.35	1124.65
429B	1000.0	*	89.5	1145
442	1029.5		87.5	1117
456	892		77.5	969.5
488	1000		85.55	
496	1028	*	92.5	1120.5
502	1107.5		92	1199.5

<sup>\*</sup> missing 1 to 7 days of data A degree day is defined as a measure of the departure of temperature for a day from some reference temperature.

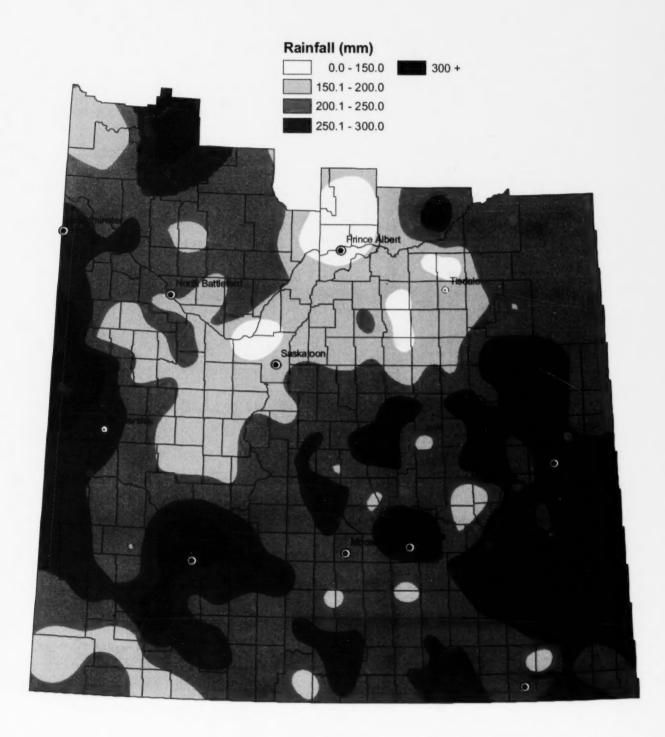
They are expressed in degrees of temperature. For plant growth, a base of 5°C is generally used, although the base varies for each plant species and, in fact, varies throughout the life of the plant from germination to maturity. By accumulating degree days throughout the growing season, it is possible to forecast harvesting dates.

## Weekly Rainfall Summary

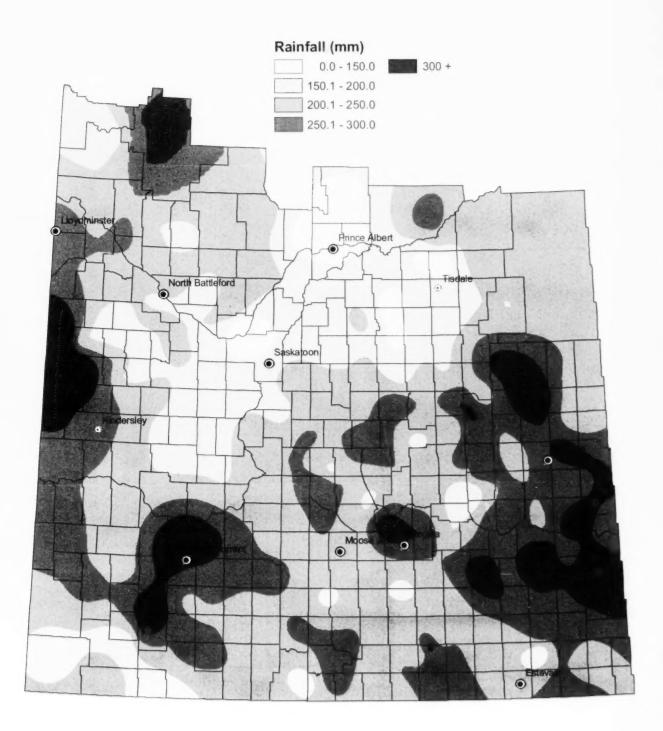
for the week ending August 23, 2008

	No. N	cipality ame	Past Week	Since April 1		No. N	cipality ame	Past Week	Since April 1		No. N	cipality ame	Week	April 1
A	1	Argyle	N/A	242 *		108	Bone Creek	7	354		345	Vanscoy	2	174
	3	Mount Pleasant	10	261	3BN	138	Webb	21	307		346	Perdue Feels Creek	N/A NIL	175
	33 A	Enniskillen Moose Creek	15 N/A	281 209 *		165 166	Morse Excelsior	N/A 52	257 * 309			Eagle Creek Eagle Creek	NIL	166 169
	33 B	Moose Creek	18	272		167	Sask. Landing	34	332		403	Rosthern	N/A	174
	34	Browning	N/A	178 *		168	Riverside	16	337	7A	259	Snipe Lake	2	224
	61	Antler	N/A 30	220 *		226	Victory	9	201 219		287	St. Andrews	19	151
	64	Brock Tecumseh	25	255 244			Lacadena Lacadena	8	209		288 292	Pleasant Valley Milton	27	181 308
В	91	Maryfield	26	344		255	Coteau	13	178			Marriott	N/A	147
	92	Walpole	25	285	4A	49	White Valley	N/A	211 *		317 B	Marriott	3	152
	93	Wawken	43	301		49 A		N/A	182 *			Mountain View	1	235
	94 95	Hazelwood Golden West	N/A 36	292 * 289		51 79	Reno Arlington	3	180 204		318 B	Mountain View Oakdale	N/A	220 272
	121	Moosomin	40	386		109	Carmichael	7	271		321	Prairiedale	22	301
	122	Martin	40	371		110	Piapot	8	264	7 B		Biggar	NIL	231
	123	Silverwood	31	281		111 A		1.0	241			Biggar	N/A	175
	124 125	Kingsley Chester	33 42	353 286	4 B	111 B 139	Maple Creek Gull Lake	12	263 246		350 A	Mariposa Mariposa	N/A	231 199
	151 A	Rocanville	N/A	277 *	415	141	Big Stick	N/A	256*		351	Progress	18	365
	151 B	Rocanville	26	302		142	Enterprise	10	267		352	Heart's Hill	6	343
	153	Willowdale	30	294		169	Pittville	N/A	232 *	1	377	Glenside	NIL	193
	154 155	Elcapo Wolseley	30 25	376 284		231	Happyland Deer Forks	27 31	257 274		378 A 378 B	Rosemount Rosemount	NIL NIL	198 216
A	36	Cymri	34	233		183	Fertile Belt	30	322		379	Reford	TR	158
	66	Griffin	N/A	204 *		184	Grayson	N/A	244 ×		380	Tramping Lake	N/A	169
	67	Weyburn	26	247		185	Mcleod	9	297		381	Grass Lake	6	228
	68	Brokenshell Norton	15 N/A	220 183 *		186 211	Abernethy Churchbridge	20	267 303		382 409	Eye Hill	15	337 211
	96	Fillmore	40	300		213	Saltcoats	32	271		410	Buffalo Round Valley	4 5	195
	97	Wellington	12	223			Tullymet	4	267		411	Senlac	N/A	259
	99	Caledonia	N/A	214*			Tullymet	1	159	8A	395	Porcupine	N/A	200
В	126	Montmartre	17	334		241	Calder	49	296		397	Barrier Valley	NIL	178
	127 129	Francis Bratt's Lake	8 14	294 193		243 245 A	Wallace Garry	28	330 233		398 428	Pleasantdale Star City	NIL 23	163 200
	131	Baildon	15	214		245 B	Garry	3	263		456	Arborfield	7	241
	156 A	Indian Head	10	258		246	Ituna Bon Acco		247		457	Connaught	N/A	130
	157	South Qu'appel		206*		247	Kellross	2	260		458	Willow Creek	NIL	149
	158 160	Edenwold Pense	28 20	295 218	5 B	248 271	Touchwood Cote	N/A	210 * 243		486 487	Moose Range	TR 2	216 217
	161	Moose Jaw	20	232	3 B	273	Sliding Hills	8	208	8 B	369	Nipawin St. Peter	NIL	138
	191	Marquis	58	255		275	Insinger	N/A	254 *	0.0	370	Humboldt	NIL	183
ASE		Surprise Valley	13	241		276	Foam Lake	. 5	316		371	Bayne	1	154
		Laurier	17	316 248		277 304	Emerald	12	247		372	Grant	TR	169
		Laurier The Gap	13 10	260		307	Buchanan Elfros	NIL TR	373 304		373 400	Aberdeen Three Lakes	N/A N/A	215
		The Gap	11	219		308	Big Quill	N/A	140*		402	Fish Creek	1	160
ASV	V 10	Happy Valley	NIL	226		333	Clayton	NIL	277		429 A	Flett's Springs	NIL	115
	12	Poplar Valley	N/A	264 *		335	Hazel Dell	N/A	321*		429 B	Flett's Springs	NIL	202
	40	Bengough Willow Bunch	TR	253 223		336 337	Sasman Lakeview	TR NIL	225 196		431 459	St. Louis Kinistino	N/A NIL	168 184
	43 A	Old Post	TR	211		338	Lakeside	NIL	223	9AE	488	Torch River	1	261
		Old Post	N/A	172 *		366	Kelvington	1	257		520	Paddockwood	NIL	114
	44	Waverley	5	231			Ponass Lake	N/A	150 *	9AW	405	Great Bend	NIL	115
	70 71 A	Key West Excel	5	245 249	6A	189	Lumsden Dufferin	40 N/A	336 202*		406	Mayfield Redberry	NIL NIL	201 248
		Excel	2	264			Dufferin	17	216		436	Douglas	3	154
	71 C	Excel	NIL	265		190 C	Dufferin	59	275		463	Duck Lake	NIL	196
	72	Lake Of The Riv				219 B		11	244		464	Leask	N/A	217
	73 A	Stonehenge Stonehenge	10	233 264		219 C 220	Longlaketon Mckillop	40 13	248 200		466	Meeting Lake	NIL.	203 237
	74	Wood River	N/A	13*		221	Sarnia	5	249		493	Round Hill Shellbrook	NIL	129
AN	101	Terrell	7	215		222	Craik	5	267		494	Canwood	3	214
	102	Lake Johnston	9	191		251	Big Arm	7	254		496	Spiritwood	15	
	103	Sutton	19	239		252	Arm River	2	193		497	Medstead	N/A	185
	132 134	Hillsborough Shamrock	N/A 27	225 * 263		279 R	Mount Hope Mount Hope	32 N/A		9 B	555 438	Big River Battle River	2 9	218 194
	164	Chaplin	35	253		280	Wreford	38		7.6	440	Hillsdale	N/A	
	193	Eyebrow	18	239		282	Mccraney	14			442	Manitou Lake	34	255
	194	Enfield	30	227		309	Prairie Rose	NIL	278		498 A	Parkdale	17	215
88		Val Marie	7	291		312	Morris	15				Parkdale	12	207
		Val Marie Mankota	N/A N/A	159 * 253 *		313	Lost River Lerov	N/A TR	228 * 186		499 501 A	Mervin Frenchman But	te 6	270 206
	75 A	Pinto Creek	7	217			Wolverine	NIL	206		501 B	Frenchman But	te 25	235
	75 B	Pinto Creek	5	227		340 B	Wolverine	N/A	220 *		501 C	Frenchman But	te N/A	236
	76 A	Auvergne	13	219		341	Viscount	NIL	199		502	Britannia	14	261
		Auvergne	16	270	6 B	343	Blucher	4	236		561	Loon Lake	10	
	77 78 A	Wise Creek Grassy Creek	N/A 5	260 * 306	6 B	283 284	Rosedale Rudy	3	192 224			Meadow Lake	N/A 10	180
	78 B	Grassy Creek	N/A	234 ±		285	Fertile Valley	3	193			Meadow Lake Meadow Lake	8	
	78 C	Grassy Creek	5	278		286	Milden	14				Meadow Lake	8	324
	105	Glenbain	5	226		314	Dundurn	12	187		622		15	156
	106	Whiska Creek	17	257 243	,	344	Corman Park	NIL	130					

Cumulative Rainfall From: April 1, 2008 To: August 23, 2008



Cumulative Rainfall From: April 1, 2008 To: August 23, 2008



# Crop Districts and Rural Municipalities

